

| Ref # | Hits   | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L1    | 113663 | (insulating or insulation or insulate or insulated).ti,ab.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:50 |
| L2    | 229    | (batt or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or unwoven or non\$1woven))) near4 (releasable or releasing or release or separable or strippable or splittable) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:05 |
| L3    | 35     | 1 and 2  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:54 |
| L4    | 30     | @ad<="20040101" and 3  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:59 |
| L6    | 2804   | (156/247,344).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/23 09:59 |
| L7    | 66     | 1 and 6  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:59 |
| L8    | 58     | @ad<="20040101" and 7  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:02 |
| L9    | 34527  | (batt.or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or unwoven or non\$1woven)))   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:02 |
| L10   | 61     | 6 and 9  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:02 |
| L11   | 50     | @ad<="20040101" and 10 not 8   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:59 |
| L12   | 276    | (442/331-332,341,412).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/23 11:03 |
| L13   | 493    | (428/74).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/23 11:03 |
| L14   | 3      | 2 and 13   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:05 |
| L15   | 31     | 1 and 12   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:05 |
| L16   | 8      | 15 and (releasable or releasing or release or separable or strippable or splittable)   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:06 |

|    | Type | Hits   | Search Text   |
|----|------|--------|---|
| 1  | BRS  | 113503 | (insulating or insulation or insulate or insulated).ti.ab.  |
| 2  | BRS  | 3040   | (batt or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or unwoven or non\$1 woven))) with (reinforce or reinforced or reinforcing or reinforcement)  |
| 3  | BRS  | 223    | S411 and S412   |
| 4  | BRS  | 208    | @ad<="20040101" and S413  |
| 5  | BRS  | 48     | ("2416390"   "2859506"   "2958113"   "3016599"   "3560326"   "3692618"   "3763521"   "3795571"   "3849241"   "3917448"   "3929542"   "4041203"   "4118531"   "4166877"   "4196245"   "4359445"   "4375446"   "4380570"   "4476186"   "4588635"   "4666763"   "4681789"   "4744810"   "4818463"   "4818464"   "4847125"   "4855179"   "4950531"   "4988560"   "5068141"   "5075068"   "5101064"   "5141699"   "5207970"   "5236771"   "5248247"   "5260003"   "5296286"   "5298315"   "5298321"   "T100902").PN. |
| 6  | IS&R | 1      | ("2543101").PN.   |
| 7  | BRS  | 55     | ("2543101").URPN.   |
| 8  | BRS  | 12     | ("2543101"   "2624079"   "2746895"   "4097638"   "4141772"   "4190692"   "4474846"   "4612224"   "5023027").PN.   |
| 9  | BRS  | 14     | ("2624079").URPN.   |
| 10 | BRS  | 196    | (insulating or insulation or insulate or insulated) same S412   |
| 11 | BRS  | 93     | @ad<="20040101" and S420 not S414   |
| 12 | BRS  | 4      | ("4743187").URPN.   |
| 13 | BRS  | 22     | ("2351495"   "3012901"   "3313010"   "3461016"   "3577290"   "3773876"   "3836354"   "3974024"   "4055688"   "4096016"   "4139613"   "4141929"   "4159355"   "4264644"   "4371568"   "4432717").PN.   |

|    | DBs                    | Time Stamp       | Comments | Error Definition |
|----|------------------------|------------------|----------|------------------|
| 1  | US-PGPUB; USPAT        | 2006/01/23 09:50 |          |                  |
| 2  | US-PGPUB; USPAT        | 2006/01/23 09:50 |          |                  |
| 3  | US-PGPUB; USPAT        | 2006/01/12 15:44 |          |                  |
| 4  | US-PGPUB; USPAT        | 2006/01/12 16:22 |          |                  |
| 5  | US-PGPUB; USPAT; USOCR | 2006/01/12 16:01 |          |                  |
| 6  | US-PGPUB; USPAT        | 2006/01/12 16:01 |          |                  |
| 7  | USPAT                  | 2006/01/12 16:01 |          |                  |
| 8  | US-PGPUB; USPAT; USOCR | 2006/01/12 16:03 |          |                  |
| 9  | USPAT                  | 2006/01/12 16:06 |          |                  |
| 10 | US-PGPUB; USPAT        | 2006/01/12 16:06 |          |                  |
| 11 | US-PGPUB; USPAT        | 2006/01/12 16:06 |          |                  |
| 12 | USPAT                  | 2006/01/12 16:11 |          |                  |
| 13 | US-PGPUB; USPAT; USOCR | 2006/01/12 16:12 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 1  |        | S411  |
| 2  |        | S412  |
| 3  |        | S413  |
| 4  |        | S414  |
| 5  |        | S415  |
| 6  |        | S416  |
| 7  |        | S417  |
| 8  |        | S418  |
| 9  |        | S419  |
| 10 |        | S420  |
| 11 |        | S421  |
| 12 |        | S422  |
| 13 |        | S423  |

|    | Type | Hits   | Search Text  |
|----|------|--------|--|
| 14 | BRS  | 48     | ("2416390"   "2859506"   "2958113"   "3016599"   "3560326"  <br>"3692618"   "3763521"   "3795571"   "3849241"   "3917448"   "3929542"  <br>"4041203"   "4118531"   "4166877"   "4196245"   "4359445"  <br>"4375446"   "4380570"   "4476186"   "4588635"   "4666763"   "4681789"  <br>"4744810"   "4818463"   "4818464"   "4847125"   "4855179"  <br>"4950531"   "4988560"   "5068141"   "5075068"   "5101064"   "5141699"  <br>"5207970"   "5236771"   "5248247"   "5260003"   "5296286"  <br>"5298315"   "5298321"   "T100902").PN. |
| 15 | BRS  | 17     | ((fibrous or fiber or filamentary or strand or filament) adj1 blanket) with (reinforce or reinforced or reinforcing or reinforcement)  |
| 16 | BRS  | 5      | S411 and S425  |
| 17 | BRS  | 5      | @ad<="20040101" and S426   |
| 18 | BRS  | 877055 | (insulating or insulation or insulate or insulated)  |
| 19 | BRS  | 4881   | (batt or unwoven or non\$1woven or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or blanket))) with (reinforce or reinforced or reinforcing or reinforcement)   |
| 20 | BRS  | 392    | S428 and S429  |
| 21 | BRS  | 246    | S428 same S429   |
| 22 | IS&R | 27     | (("20010030018" or ("20020015814" or ("20020040556" or<br>("20020136854" or ("20030082369" or ("20030082387" or<br>("20030144639" or ("20030175466" or ("1,238,356" or ("2,785,728")<br>or ("3,812,002" or ("3,910,145" or ("3,958,385" or ("3,964,232" or<br>("3,979,537" or ("4,282,687" or ("4,342,610" or ("4,397,898" or<br>("4,661,392" or ("4,726,985" or ("4,756,945" or ("4,835,045" or<br>("4,847,140" or ("4,866,905" or ("4,917,929" or ("4,972,644" or<br>("5,009,043"))).PN.   |

|    | DBs                    | Time Stamp       | Comments | Error Definition |
|----|------------------------|------------------|----------|------------------|
| 14 | US-PGPUB; USPAT; USOCR | 2006/01/12 16:15 |          |                  |
| 15 | US-PGPUB; USPAT        | 2006/01/12 16:22 |          |                  |
| 16 | US-PGPUB; USPAT        | 2006/01/12 16:22 |          |                  |
| 17 | US-PGPUB; USPAT        | 2006/01/12 16:22 |          |                  |
| 18 | EPO; JPO; DERWENT      | 2006/01/12 16:23 |          |                  |
| 19 | EPO; JPO; DERWENT      | 2006/01/17 15:51 |          |                  |
| 20 | EPO; JPO; DERWENT      | 2006/01/12 16:25 |          |                  |
| 21 | EPO; JPO; DERWENT      | 2006/01/12 16:44 |          |                  |
| 22 | US-PGPUB; USPAT        | 2006/01/12 16:47 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 14 |        | S424  |
| 15 |        | S425  |
| 16 |        | S426  |
| 17 |        | S427  |
| 18 |        | S428  |
| 19 |        | S429  |
| 20 |        | S430  |
| 21 |        | S431  |
| 22 |        | S432  |

|    | Type | Hits | Search Text  |
|----|------|------|--|
| 23 | IS&R | 27   | ((("5,031,721") or ("5,065,478") or ("5,246,653") or ("5,246,760") or ("5,331,787") or ("5,350,063") or ("5,545,279") or ("5,545,453") or ("5,567,504") or ("5,620,497") or ("5,642,601") or ("5,685,938") or ("5,765,318") or ("5,817,387") or ("5,848,509") or ("6,000,437") or ("6,083,594") or ("6,083,603") or ("6,141,930") or ("6,165,305") or ("6,231,927") or ("6,357,504") or ("6,383,594") or ("6,415,573") or ("6,422,848") or ("6,468,615") or ("6,484,463")).PN. |
| 24 | IS&R | 4    | ((("6,551,677") or ("6,551,951") or ("6,599,850") or ("6,670,011")).PN.  |
| 25 | BRS  | 13   | ("3616139"   "3772137"   "4247599"   "4430286"   "4531511"   "4622253"   "4637947"   "4656081"   "5227230"   "5230941"   "5549956"   "5677027"   "5767024").PN.  |
| 26 | BRS  | 9    | ("4101704"   "4367259"   "4430286"   "4539252"   "4663065"   "4671979"   "4681816"   "4777086"   "5400296").PN.  |
| 27 | IS&R | 810  | (156/62.2).CCLS.   |
| 28 | BRS  | 49   | S411 and S437  |
| 29 | BRS  | 22   | ("2771387"   "2956917"   "3249659"   "3336185"   "3957940"   "4208230"   "4288475"   "4349590"   "4381200"   "4536911"   "4622192"   "4826722"   "5151146"   "5211988"   "5294461"   "5310600"   "5336526"   "5492722").PN.  |
| 30 | BRS  | 5    | ("5755900").URPN.  |
| 31 | BRS  | 27   | ("2701777"   "2712506"   "2771387"   "3684645"   "3800016"   "3805601"   "4131664"   "4133932"   "4166752"   "4273685"   "4285734"   "4287263"   "4333866"   "4349590"   "4405680"   "4506060"   "4536911"   "4764420"   "5094318"   "5240527"   "5326797"   "5472776"   "5494728").PN.  |
| 32 | BRS  | 54   | ("3684645").URPN.  |
| 33 | BRS  | 26   | ("2877124"   "2882173"   "2897874"   "2946371"   "3002224"   "3088573"   "3220915"   "3328230"   "3331669"   "3690852"   "3759680"   "3922425"   "4009735"   "4044188"   "4070519").PN.  |



|    | DBs                    | Time Stamp       | Comments | Error Definition |
|----|------------------------|------------------|----------|------------------|
| 23 | US-PGPUB; USPAT        | 2006/01/12 16:52 |          |                  |
| 24 | US-PGPUB; USPAT        | 2006/01/12 16:52 |          |                  |
| 25 | US-PGPUB; USPAT; USOCR | 2006/01/12 16:52 |          |                  |
| 26 | US-PGPUB; USPAT; USOCR | 2006/01/12 17:05 |          |                  |
| 27 | US-PGPUB; USPAT        | 2006/01/12 17:05 |          |                  |
| 28 | US-PGPUB; USPAT        | 2006/01/12 17:06 |          |                  |
| 29 | US-PGPUB; USPAT; USOCR | 2006/01/12 17:07 |          |                  |
| 30 | USPAT                  | 2006/01/12 17:09 |          |                  |
| 31 | US-PGPUB; USPAT; USOCR | 2006/01/12 17:10 |          |                  |
| 32 | USPAT                  | 2006/01/12 17:12 |          |                  |
| 33 | US-PGPUB; USPAT; USOCR | 2006/01/12 17:13 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 23 |        | S433  |
| 24 |        | S434  |
| 25 |        | S435  |
| 26 |        | S436  |
| 27 |        | S437  |
| 28 |        | S439  |
| 29 |        | S440  |
| 30 |        | S441  |
| 31 |        | S442  |
| 32 |        | S443  |
| 33 |        | S444  |

| Type    | Hits   | Search Text  |
|---------|--------|--|
| 34 BRS  | 39     | (US-20040180599-\$ or US-20040082713-\$ or US-20040009728-\$ or US-20030049488-\$).did. or (US-6399694-\$ or US-5582905-\$ or US-5537718-\$ or US-5302445-\$ or US-5023027-\$ or US-4141772-\$ or US-2624079-\$ or US-4743187-\$ or US-4952441-\$ or US-4950355-\$ or US-4917750-\$ or US-4619344-\$ or US-4054710-\$ or US-4972644-\$ or US-4847140-\$ or US-6357504-\$ or US-6083603-\$ or US-5848509-\$ or US-5765318-\$ or US-6599850-\$ or US-5767024-\$ or US-4777086-\$ or US-5755900-\$ or US-4536911-\$ or US-5746854-\$ or US-5240527-\$).did. or (US-3684645-\$ or US-4201247-\$ or US-3007596-\$ or US-1336404-\$).did. or (US-2897874-\$).did. or (GB-2159066-\$).did. or (JP-60259414-\$).did. or (EP-451026-\$ or DE-1942795-\$).did. |
| 35 BRS  | 1      | 2005wo-us09144.ap.   |
| 36 IS&R | 1      | ("6270865").PN.  |
| 37 BRS  | 97061  | "52".clas.   |
| 38 BRS  | 113541 | (insulating or insulation or insulate or insulated).ti,ab.   |
| 39 BRS  | 4582   | S448 and S449  |
| 40 BRS  | 2246   | (mineral or glass or fiberglass) and S450  |
| 41 BRS  | 2134   | @ad<="20040101" and S451   |
| 42 BRS  | 8      | ("2028253"   "2863179"   "3647606"   "4323620"   "4486997").PN.  |
| 43 BRS  | 8      | ("4700521").URPN.  |
| 44 BRS  | 39     | ("4054710").URPN.  |
| 45 BRS  | 14     | ("2401314"   "2514170"   "2523022"   "2739092"   "3037895"   "3212960"   "3369959").PN.  |
| 46 BRS  | 3      | ("3969860").URPN.  |
| 47 BRS  | 9      | ("3462897"   "3500596"   "3540177"   "3603060"   "3694986"   "3862700").PN.  |

|    | DBs  | Time Stamp       | Comments | Error Definition |
|----|--|------------------|----------|------------------|
| 34 | US-PGPUB; USPAT; USOCR; EPO;<br>JPO; DERWENT | 2006/01/12 18:00 |          |                  |
| 35 | EPO; JPO; DERWENT                            | 2006/01/17 14:41 |          |                  |
| 36 | US-PGPUB; USPAT                              | 2006/01/17 14:44 |          |                  |
| 37 | US-PGPUB; USPAT                              | 2006/01/17 14:44 |          |                  |
| 38 | US-PGPUB; USPAT                              | 2006/01/17 15:51 |          |                  |
| 39 | US-PGPUB; USPAT                              | 2006/01/17 14:45 |          |                  |
| 40 | US-PGPUB; USPAT                              | 2006/01/17 15:35 |          |                  |
| 41 | US-PGPUB; USPAT                              | 2006/01/17 15:52 |          |                  |
| 42 | US-PGPUB; USPAT; USOCR                       | 2006/01/17 15:20 |          |                  |
| 43 | USPAT  | 2006/01/17 15:21 |          |                  |
| 44 | USPAT  | 2006/01/17 15:29 |          |                  |
| 45 | US-PGPUB; USPAT; USOCR                       | 2006/01/17 15:30 |          |                  |
| 46 | USPAT  | 2006/01/17 15:32 |          |                  |
| 47 | US-PGPUB; USPAT; USOCR                       | 2006/01/17 15:33 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 34 |        | S445  |
| 35 |        | S446  |
| 36 |        | S447  |
| 37 |        | S448  |
| 38 |        | S449  |
| 39 |        | S450  |
| 40 |        | S451  |
| 41 |        | S452  |
| 42 |        | S453  |
| 43 |        | S454  |
| 44 |        | S455  |
| 45 |        | S456  |
| 46 |        | S457  |
| 47 |        | S458  |

|    | Type | Hits | Search Text   |
|----|------|------|---|
| 48 | IS&R | 484  | (264/8).CCLS.   |
| 49 | BRS  | 187  | (mineral or glass or fiberglass) and S459   |
| 50 | BRS  | 5    | ("5595584").URPN.   |
| 51 | BRS  | 38   | ("2278895"   "2399260"   "2731066"   "2778763"   "2888060"   "3016599"   "3022538"   "3050427"   "3134704"   "3511747"   "3684415"   "3877911"   "4147574"   "4201247"   "4224373"   "4277436"   "4359444"   "4414276"   "4552603"   "4568506"   "4632685"   "4871491"   "5011523"   "5057168"   "5100435"   "5123949"   "5232638"   "5458822").PN. |
| 52 | BRS  | 41   | ("4201247").URPN.   |
| 53 | BRS  | 24   | ("2596184"   "2731066"   "2927623"   "3035310"   "3271215"   "3699203"   "3889035"   "3900650"   "3962394"   "4081582"   "4098943"   "4142016"   "4201247"   "4269884"   "4385955"   "4464192"   "4623575"   "4636344"   "5641366").PN.   |
| 54 | BRS  | 3251 | (insulating or insulation or insulate or insulated) near3 (roof or roofing)   |
| 55 | BRS  | 476  | S465.ti,ab.   |
| 56 | BRS  | 0    | (batt or unwoven or non\$1woven or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or blanket))) and S466  |
| 57 | BRS  | 102  | (batt or unwoven or non\$1woven or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or blanket))) and S466  |
| 58 | BRS  | 93   | @ad<="20040101" and S468  |

|    | DBs                    | Time Stamp       | Comments | Error Definition |
|----|------------------------|------------------|----------|------------------|
| 48 | US-PGPUB; USPAT        | 2006/01/17 15:34 |          |                  |
| 49 | US-PGPUB; USPAT        | 2006/01/17 15:35 |          |                  |
| 50 | USPAT                  | 2006/01/17 15:36 |          |                  |
| 51 | US-PGPUB; USPAT; USOCR | 2006/01/17 15:50 |          |                  |
| 52 | USPAT                  | 2006/01/17 15:38 |          |                  |
| 53 | US-PGPUB; USPAT; USOCR | 2006/01/17 15:39 |          |                  |
| 54 | US-PGPUB; USPAT        | 2006/01/17 15:51 |          |                  |
| 55 | US-PGPUB; USPAT        | 2006/01/17 15:51 |          |                  |
| 56 | EPO; JPO; DERWENT      | 2006/01/17 15:52 |          |                  |
| 57 | US-PGPUB; USPAT        | 2006/01/17 15:52 |          |                  |
| 58 | US-PGPUB; USPAT        | 2006/01/17 15:53 |          |                  |

|    | Errors | Ref # |
|----|--------|-------|
| 48 |        | S459  |
| 49 |        | S460  |
| 50 |        | S461  |
| 51 |        | S462  |
| 52 |        | S463  |
| 53 |        | S464  |
| 54 |        | S465  |
| 55 |        | S466  |
| 56 |        | S467  |
| 57 |        | S468  |
| 58 |        | S469  |



| Ref # | Hits   | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L1    | 113663 | (insulating or insulation or insulate or insulated).ti,ab.   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:50 |
| L2    | 229    | (batt or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or unwoven or non\$1woven))) near4 (releasable or releasing or release or separable or strippable or splittable) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:05 |
| L3    | 35     | 1 and 2  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:54 |
| L4    | 30     | @ad<="20040101" and 3  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:59 |
| L6    | 2804   | (156/247,344).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/23 09:59 |
| L7    | 66     | 1 and 6  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 09:59 |
| L8    | 58     | @ad<="20040101" and 7  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:02 |
| L9    | 34527  | (batt or ((fibrous or fiber or filamentary or strand or filament) adj1 (mat or bat or web or unwoven or non\$1woven)))   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:02 |
| L10   | 61     | 6 and 9  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:02 |
| L11   | 50     | @ad<="20040101" and 10 not 8   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 10:59 |
| L12   | 276    | (442/331-332,341,412).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/23 11:03 |
| L13   | 493    | (428/74).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/23 11:03 |
| L14   | 3      | 2 and 13   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:05 |
| L15   | 31     | 1 and 12   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:05 |
| L16   | 8      | 15 and (releasable or releasing or release or separable or strippable or splittable)   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/01/23 11:06 |